

# **Minutes for the March 21, 2012, CERES Processing Oversight Board Meeting**

Meeting began at 1:00 p.m. in Building 1268C Room 2316.

## **Meeting Notes**

There were no comments or questions on the minutes from the last meeting.

## **Announcements**

The CERES Science Team meeting will be held May 1 – 3, 2012, at the Marriott Hotel – City Center at Oyster Point in Newport News, VA.

## **Open Action Items**

1. Discuss the ISCCP-D2like-FlxDay/Nit file names with Dave Doelling. (2/16/11 – Jonathan)
2. Provide answers to Raja's questions she emailed recently. (3/16/11 – Jonathan)

## **FM5 Status**

Things are going well overall. Investigating one problem that we think is related to the conversion of attitude from NPP-format to Toolkit-format.

## **SCCR Discussion (SCCRs that have been submitted or updated since the last meeting)**

Clouds 809 – Updated SCCR to document parameter changes.

CERESlib 875 – Documented more modifications. Delivered on Monday.

Perl\_Lib 886 – Added new libraries to support the CERES automated processing system. Delivered on Tuesday.

Toolkit 887 – Documenting updates to Toolkit 16. The tar file has been archived in the code repository.

There were no issues identified, so these SCCRs will be approved.

## **GCC Compiler Discussion**

Nelson gave a presentation on the results of his and Josh's investigation into the various GCC compiler options. So far, GCC version 4.5.3 is the recommendation. A few more Toolkit and other tests will be run. Plan is to change the default compiler during the August maintenance. Subsystems will need to test thoroughly with the new compilers before August. PGEs might need slight modifications to compile with new compilers.

## **Systems**

Problem from last Friday was associated with disk quota on SCF2 because of a bug in the GPFS code. File system check was run on quota files and this fixed the problem for now. Will probably get a patch to fix this long term. Will try to communicate these types of problems better in the future.

## **Status of Open SCCRs**

763 – On schedule to promote today.

875 – Tammy has installed, compiled, and tested this delivery. Will release when testing of Clouds 809 is finished.

886 – Tammy has installed, compiled, and tested this delivery. Will release when testing of Clouds 809 is finished.

809 – Tammy has installed and compiled this delivery. Successfully tested 1P6, 2P4, and 2P5. Differences when comparing results of Terra 2-day test. Re-running test.

814 – Ran with two months of Terra data from Sunny. SOFA group evaluating results. Just requested Aqua data to do same.

867 – 2.2P2 is working now, gif problem fixed. 3.1P2 is the only PGE that hasn't recompiled successfully on x86. Still on schedule for April 27<sup>th</sup> delivery.

877 – Mark and Thomas are working on this one.

878 – Coming along. Thomas has implemented most of the updates.

## **Additions to the Posted Reports**

### Toolkit

No updates to status report.

### CERESlib

Delivered SCCR 875 on March 19.

### Perl Lib

Delivered SCCR 886 on March 20.

### CERES Processing System

No updates to status report.

### Instrument

No updates to status report.

### ERBE-like

No updates to status report.

### Clouds

Working with CM to resolve any problems that come up for SCCR 809.

### Convolution

No updates to status report.

### Inversion

Tested PR generation tool.

### SARB

No updates to status report.

TISA Gridding & GGEO

No updates to status report.

TISA Averaging

No updates to status report.

Production Processing Database/Automation

Lisa gave a presentation on the CERES PGE Environment Variable Standardization effort.

CERES Websites

Will be asking for a scan of the CM Web site this afternoon.

CERES Ordering Tool

Delivery for Level-2 browsing before STM.

FM5

No updates to status report.

Meeting ended at 2:25 p. m.